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<h2 style="margin: 0;">TRANSMITTAL FORM</h2> <p style="font-size: small; margin: 5px 0;">(to be used for all correspondence after initial filing)</p>		Application Number	10/517,605-Conf. #1240
		Filing Date	December 21, 2004
		First Named Inventor	Yoshiji Yamada
		Art Unit	1637
		Examiner Name	K. R. Horlick
Total Number of Pages in This Submission	12	Attorney Docket Number	80173(302730)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="text" value="Remarks"/> </div> <div style="width: 70%;"> <p>Customer No.: 21874</p> </div> </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	James E. Armstrong, IV		
Date	September 3, 2008	Reg. No.	42,266



Docket No.: 80173 (302730)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Yoshiki Yamada et al.

Application No.: 10/517,605

Confirmation No.: 1240

Filed: December 21, 2004

Art Unit: 1637

For: Methods of diagnosing risk of myocardial  
infarction by detection of polymorphisms in  
connexin and NADH/NADPH oxidase genes  
(as amended)

Examiner: Horlick, Kenneth R

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated June 4, 2008, please amend the  
above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which  
begins on page 3 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.